



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Echauz, et al.

Serial No: **10/662,072**

Filed: **09/12/2003**

For: **Unified Probabilistic Framework for Predicting and Detecting Seizure Onsets in the Brain and Multitherapeutic Device**

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant hereby voluntarily discloses the reference listed on the attached Form PTO-1449 to the Assistant Commissioner for Patents. References A - AL (25 references) were cited in a prior application relied upon by the above-identified application for an earlier filing date. The prior application relied upon is Application Serial No. 09/693,423, filed on October 20, 2000. It is specified in 37 CFR 1.98(d):

"A copy of any patent, publication, pending U.S. application or other information, as specified in paragraph (a) of this section, listed in an information disclosure statement is required to be provided, even if the patent, publication, pending U.S. application or other information was previously submitted to, or cited by, the Office in an earlier application, unless:

- (1) The earlier application is properly identified in the information disclosure statement and is relied on for an earlier effective filing date under 35 USC 120; and
- (2) The information disclosure statement submitted in the earlier application complies with paragraphs (a) through (c) of this section."

Therefore please review the parent case for references A - AL.

Applicant further reserves the right to establish the patentability of the claimed invention over any of the listed information should they be applied as references, and/or to prove that some of the cited information may not be prior art, and/or to prove that some of the cited information may not be enabling for the teachings they purport to offer. This statement further should not be construed as the representation that an exhaustive search has been made, or that the information cited herewith is material, or that there does not exist information more material to the examination of the present Application. The Examiner is specifically requested not to rely solely on the information submitted herein. On the contrary, the Examiner is requested to conduct an independent and thorough review of the information, and to form independent opinions as to their significance.

It is respectfully requested that the Examiner initial and return copies of the enclosed PTO-1449 and to indicate in the official file wrapper of the above-identified patent application that each item of the cited information has been considered.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to account no. 09-0528.

Date: 1/21/04




John J. Timar
Attorney for Applicant
Reg#32,497

Womble Carlyle Sandridge & Rice, PLLC
P.O. Box 7037
Atlanta, GA 30357-0037
(404) 872-7000 (Telephone)
(404) 888-7490 (Facsimile)

Docket No.: I080 1010.2

CERTIFICATE OF MAILING

I hereby certify that this document is being deposited as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 21, 2004,


Diana Ogles



Form PTO-1449

Attorney Docket No.
I080 1020.2Serial No.
10/662,072INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Echauz, et al.

Filing Date 09/12/03 Group

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	5,995,868	11/30/99	Dorfmeister, et al.	600	544	
	B	3,863,625	02/04/75	Viglione, et al.	128	2.1	
	C	5,743,860	04/28/98	Hively, et al.	600	544	
	D	5,857,978	01/12/99	Hively et. al.	600	544	
	E	3,837,331	09/24/74	Ross	600	027	
	F	3,967,616	07/06/76	Ross	600	27	
	G	3,850,161	11/26/74	Liss	600	544	
	H	3,993,046	11/23/76	Fernandez, et al.	600	545	
	I	4,566,464	01/28/86	Piccone, et al.	600	545	
	J	4,702,254	10/27/87	Zabara	607	45	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	K	WO 00/10455	03/02/00	International	A61B 5	04		

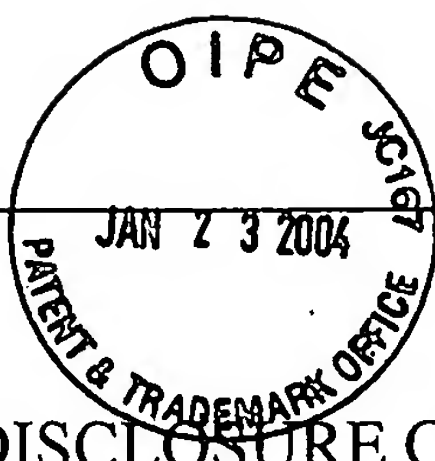
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	L	Iasemidis, et al., "Spatiotemporal Evolution of Dynamical Measures Precedes Onset of Mesial Temporal Lobe Seizures," <u>Epilepsia</u> , vol. 35, no. Suppl. 8, pp. 133,1994.
	M	Iasemidis, et al., "Chaos Theory and Epilepsy", <u>The Neuroscientist</u> , Mar. 1996, vol. 2, no. 2, pp. 118-126.

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:



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U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	4,867,164	09/19/89	Zabara	607	45	
	AB	5,025,807	06/21/91	Zabara	607	45	
	AC	5,304,206	04/19/94	Baker, Jr., et al.	607	2	
	AD	5,311,876	05/17/94	Olsen, et al.	600	544	
	AE	5,713,923	02/03/98	Ward, et al.	607	3	
	AF	5,978,702	11/02/99	Ward, et al.	607	3	
	AG	6,016,449	01/18/00	Fischell, et al.	607	45	
	AH	6,061,593	05/09/00	Fischell, et al.	600	544	
	AI	6,018,682	01/25/00	Rise	607	45	
	AJ	5,928,272	07/27/99	Adkins, et al.	607	45	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
						04		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AK	Grassberger, et al. "Characterization of Strange Attractors," <u>Physical Rev. Letters</u> , vol.50, no.5, pp. 346-349.
	AL	Elger, et al., "Seizure Prediction by Nonlinear Time Series Analysis of Brain Electrical Activity," <u>European Journal of Neuroscience</u> , 1998, vol. 10, pp. 786-789.

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